

Silver Ore Mining: 2002

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2002 Economic Census

Mining

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and 1997

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Com- panies ¹	All estab- lish- ments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expendi- tures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212222, Silver ore mining..... 2002.. 1997..	11 15	11 16	575 780	24 110 32 843	492 704	1 101 1 624	20 782 29 248	62 001 84 773	D 43 107	96 119 121 515	D 6 365

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. **Industry Statistics for Selected States and Offshore Areas: 2002**

[Not applicable to this report]

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
212222, Silver ore mining	
Companies ¹	number.. 11
All establishments ²	number.. 11
Establishments with 0 to 19 employees	number.. 8
Establishments with 20 to 99 employees	number.. 1
Establishments with 100 employees or more	number.. 2
All employees for pay period including March 12	number.. 575
Total compensation	\$1,000.. 33 396
Annual payroll	\$1,000.. 24 110
Annual fringe benefits not included in payroll	\$1,000.. 9 286
Production, development, and exploration workers for pay period including March 12	number.. 492
Production, development, and exploration worker annual hours	1,000.. 1 101
Production, development, and exploration worker annual wages	\$1,000.. 20 782
Total cost of supplies	\$1,000.. D
Supplies used, minerals received, and purchased machinery installed	\$1,000.. 29 671
Resales	\$1,000.. -
Purchased fuels consumed	\$1,000.. D
Purchased electricity	\$1,000.. D
Contract work	\$1,000.. D
Quantity of electricity purchased	1,000 kWh.. 111 535
Quantity of electricity generated less sold	1,000 kWh.. -
Total other expenses	\$1,000.. D
Response coverage ratio ³	percent.. 96
Communications services	\$1,000.. D
Legal services	\$1,000.. D
Accounting, auditing, and bookkeeping services	\$1,000.. -
Advertising and promotional services	\$1,000.. D
All other expenses (not included above)	\$1,000.. D
Total value of shipments and receipts for services	\$1,000.. 96 119
Primary products value of shipments	\$1,000.. D
Secondary products value of shipments and receipts for services	\$1,000.. D
Value of resales	\$1,000.. -
Value of primary products shipments or services produced in all industries	\$1,000.. 140 057
Value of primary products shipments or services produced in this industry	\$1,000.. D
Value of primary products shipments or services produced in other industries	\$1,000.. D
Value added	\$1,000.. 62 001
Total inventories, end of 2001	\$1,000.. 6 275
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 1 815
Supplies, parts, fuels, etc., inventories	\$1,000.. 4 460
Total inventories, end of 2002	\$1,000.. 9 866
Mineral products, crude petroleum, and natural gas liquids inventories	\$1,000.. 1 895
Supplies, parts, fuels, etc., inventories	\$1,000.. 7 971
Gross book value of depreciable/depletable assets at beginning of year	\$1,000.. 223 189
Capital expenditures (except land and mineral rights)	\$1,000.. D
Capital expenditures for buildings, structures, machinery, and equipment (new and used)	\$1,000.. D
Capital expenditures for mineral exploration and development	\$1,000.. D
Capital expenditures for mineral land and rights	\$1,000.. D
Deductions from depreciable/depletable assets during year	\$1,000.. D
Gross book value of depreciable/depletable assets at end of year	\$1,000.. 224 540
Total depreciation/depletion charges during year	\$1,000.. 5 430
Total rental payments during year	\$1,000.. D
Buildings and other structures	\$1,000.. D
Machinery and equipment	\$1,000.. D
Lease rents	\$1,000.. D
Expensed mineral exploration, development, land, and rights	\$1,000.. D

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212222, Silver ore mining											
All establishments	—	11	575	24 110	492	1 101	20 782	62 001	D	96 119	D
Establishments with—											
0 to 4 employees	9	6	7	162	5	7	98	1 218	353	887	88
5 to 9 employees	9	1	a	D	D	D	D	D	D	D	—
10 to 19 employees	9	1	a	D	D	D	D	D	D	D	D
20 to 49 employees	—	—	—	—	—	—	—	—	—	—	—
50 to 99 employees	—	1	b	D	D	D	D	D	D	D	—
100 to 249 employees	—	1	c	D	D	D	D	D	D	D	D
250 to 499 employees	—	1	e	D	D	D	D	D	D	D	D
500 to 999 employees	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ³	9	6	7	162	5	7	98	1 218	353	887	88

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Type of Operation: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments ¹		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
212222, Silver ore mining									
All establishments	11	3	575	24 110	492	1 101	20 782	62 001	96 119
Producing establishments	11	3	575	24 110	492	1 101	20 782	62 001	96 119
Mines or wells only	9	1	e	D	D	D	D	D	D
Underground mines	9	1	e	D	D	D	D	D	D
Open-pit mines	—	—	—	—	—	—	—	—	—
Combination mines, well operations, or other types of mines	—	—	—	—	—	—	—	—	—
Mines with preparation plants	2	2	e	D	D	D	D	D	D
Underground mines	2	2	e	D	D	D	D	D	D
Open-pit mines	—	—	—	—	—	—	—	—	—
Combination mines or other types of mines	—	—	—	—	—	—	—	—	—
Separately operated preparation plants	—	—	—	—	—	—	—	—	—
Undistributed ²	—	—	—	—	—	—	—	—	—
Nonproducing establishments	—	—	—	—	—	—	—	—	—

¹Includes establishments with payroll at any time during the year.

²Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products or Services Statistics: 2002 and 1997

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
212222	Silver ore mining	2002.. X 1997.. X	X X	140 057 130 309
2122221	Crude silver ores	2002.. X 1997.. X	X X	— —
21222211	Crude silver ores	2002.. X 1997.. X	X X	— —
2122221111	Crude silver ores mined	1,000 metric tons .. 2002.. D 1997.. D	X X	X X
2122221141	Crude silver ore and residues shipped or transferred	1, 000 metric tons .. 2002.. X 1997.. X	— N	— N
2122223	Silver concentrates	2002.. X 1997.. X	X X	51 133 D
21222231	Silver concentrates	2002.. X 1997.. X	X X	51 133 D
2122223100	Silver concentrates	1,000 metric tons .. 2002.. D 1997.. D	S D	51 133 D
2122225	Silver mill bullion and placer silver	2002.. X 1997.. X	X X	84 216 D
21222251	Silver mill bullion and placer silver	2002.. X 1997.. X	X X	84 216 D
2122225111	Silver mill bullion, dore, and precipitates	2002.. X 1997.. X	X X	D D
2122225121	Placer silver	kilograms .. 2002.. D 1997.. D	D D	D D
212222W	Silver ore mining, nsk	2002.. X 1997.. X	X X	4 708 2 666
212222WY	Silver ore mining, nsk	2002.. X 1997.. X	X X	4 708 2 666
212222WYWT	Silver ore mining, nsk	2002.. X 1997.. X	X X	4 708 2 666

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Not applicable to this report]

Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212222	Silver ore mining		
	Supplies consumed by type		
2122003	Crude ore and residues, mined and concentrated at same establishment mil metric tons 2002 1997 . .	D D	X X
3330007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation 2002 1997 . .	X X	D 3 203
3330009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment 2002 1997 . .	X X	D 6 582
3250073	Industrial chemicals (chemical reagents, calcium chloride, etc.) excluding explosive materials and blasting accessories 2002 1997 . .	X X	D 6 341
32592001	Explosive materials (including ammonium nitrate) and blasting accessories 2002 1997 . .	X X	D 2 773
32621001	Tires and inner tubes 2002 1997 . .	X X	D D
32741001	Lime 2002 1997 . .	X X	D 1 406
33151003	Iron and steel castings 2002 1997 . .	X X	D D
33120059	Steel shapes and forms (excluding castings and forgings) 2002 1997 . .	X X	D 1 798
00970098	All other supplies 2002 1997 . .	X X	D D
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used 2002 1997 . .	X X	1 363 496
	Fuels consumed by type		
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel 1,000 bbl 2002 1997 . .	D D	D D
32411019	Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel 1,000 bbl 2002 1997 . .	D D	D D
21111015	Gas (natural, manufactured, and mixed) used as a fuel bil cu ft 2002 1997 . .	D D	D D
32411015	Gasoline used as a fuel mil gal 2002 1997 . .	D D	D 154
00974000	Undistributed fuels 2002 1997 . .	X X	135 D

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.